Navy Maintenance Organization

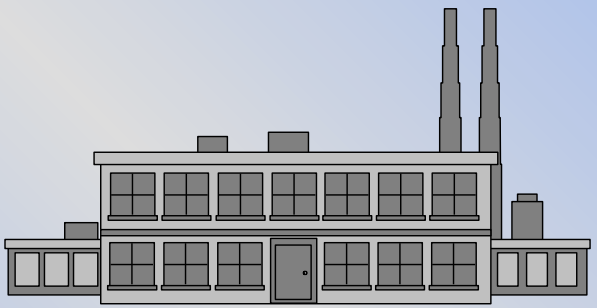
FROM KNOWLEDGE

"Prompt and Sustained Combat Operations at Sea on a Continuing Basis"

Chief of Naval Operation

EFFECTIVENESS

Aboard Ship



Ashore

U.S. Navy Maintenance Organization

To Be - 2004

FROM KNOWLEDGE MU EFFECTIVENESS

President , INSURV

CNO
- N43 Ship Logistics
- N75 Expeditionary
- N76 Surface
- N77 Submarine
- N78 Aviation (including CV/N)

CFFC/CLF
N43
N6 functions to CNNWW

CPF
N43
N6

NAVSEA
SEA 03 Human Sys Integration
SEA 04 Current Flt Readiness
SEA 05, 06, 07 Technical Auth

NAVAIR

SPAWAR

C4I CHENG (All SYSCOMs)

System Centers
C4SR - Charleston SC
ADP - Norfolk
C4I & OE - San Diego

CNSF
supported by RMC & IPA

RMC
Maintenance Team
CSL/CNAL Tycom Rep
CNSL Port Engineer
CNAL Ship Coord

CPA
Carrier

CPA
Consolidated Surface
I - SW RMC
D - SUPSHIP Bath

Naval Shipyards
Norfolk VA
Portsmouth NH
Puget Sound WA
Pearl Harbor HI

SUPSHIP
Supervisor of Shipbuilding
Bath,Pascagoula,Nnews

CNAF
supported by RMC & IPA

Production
FMA/SIMA
FTSC Filed Techs
Calibration

SUBMEPP

NAVSUP

WFO
TYCOM-RMC Type Desk
RMMCO

NSWC
Carderock MD
Port Hueneme CA
Dalhgren VA
Indian Head MD
Crane IN
Corona (NWAC) CA

Logistics Support Authority (All SYSCOMs)

FISC

CSF
supported by SUBMEPP & RMC

Logistics
PMR (HET)
ILO & Config Man

CNNWW

Engineering
All Planning
Quality Assurance
FTSC Assessment TD
Lab and Cal Monitoring

NSLC
HQ - Mechanicsburg PA

Contracts
SIMA Procurement
SUPSHIP Contracts

Asst SECNAV RD&A - PEOs

- Ships (includes MSC)
- Integrated Warfare Systems
- Submarines
- Carriers
- Littoral and Mine Warfare
- Information Technology
- C4I
- NMCI (DRPM)

CNSL POC
HQ - Norfolk, VA

N43
Material Officer
CAPT Green

N6
C4I & C/S
CAPT Jeff Ginnow

N43S
Mrs. Angela Iles
N43 Sec

N43D
Maintenance Officer
CAPT Bob Butler

N431
CDR Barnes
Type Desk Coord

N432
CDR Johnson
Maintenance Requirements

N434
Mr. Ron Leta
Ship Systems Engineer

N43E
Mr. Steve Reynolds
Sr. Port Engineer

N6TD
Mr. Rodger Vandveer
Technical Deputy
& LCS Manager

N431A(X)
Type Desk
Officers

N432A
Mr. Steve Dungan
Maintenance Plans

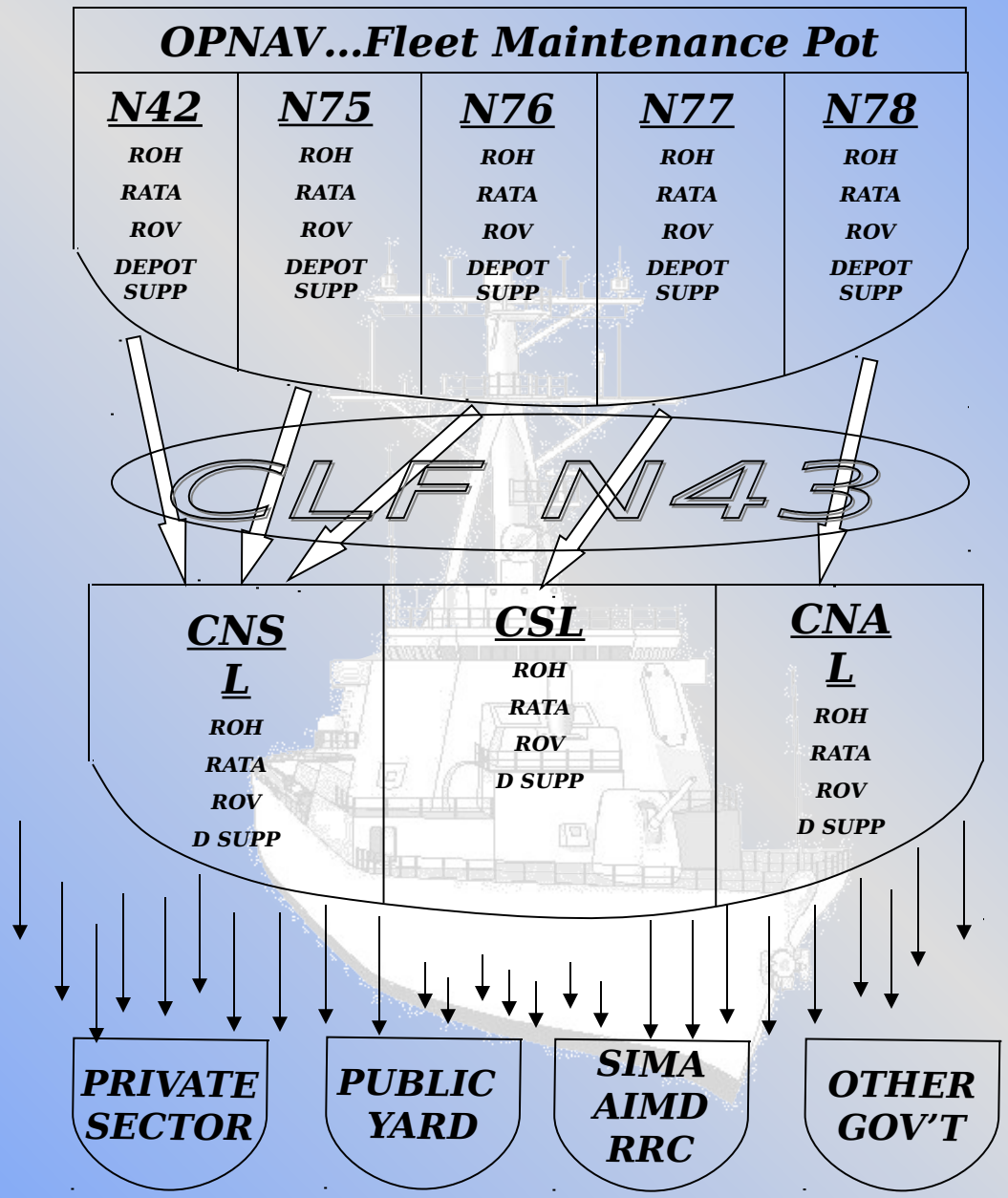
Policy and Funding

N434A
LTJG Arcelona
IMA Coord
and more

Ship
Port Engineer

Will discuss the new RMC organization later

Fleet Maintenance Funding

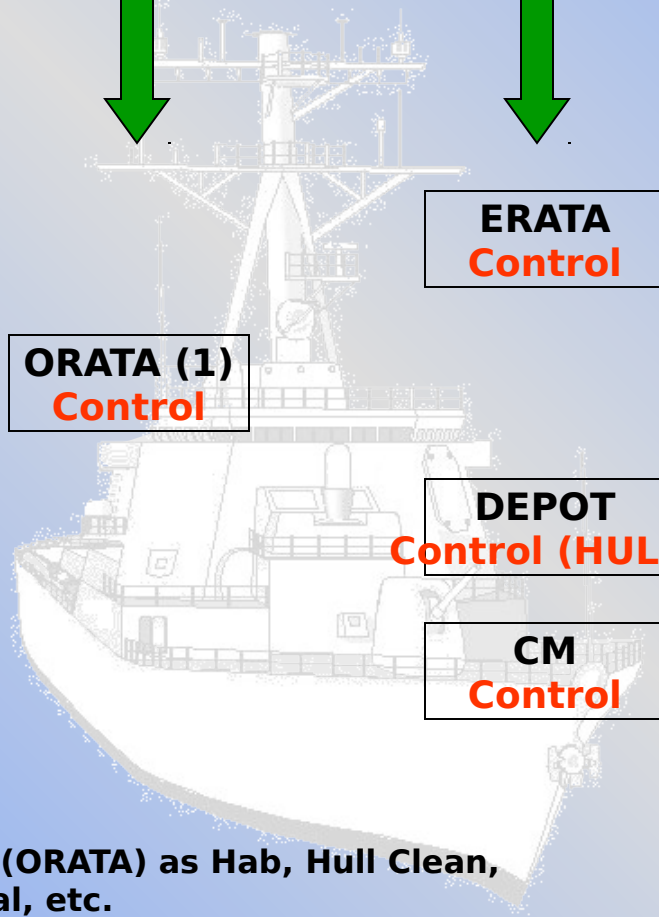


Funds Administration FY 04

- *Same in both Fleets*
- *TYCOM provides guidance to RMC and Maintenance Teams*
- *RMC and Maintenance Teams develop business plans for each ship. TYCOM approves*
- *RMC provides budget for CNO and CM to Maintenance Teams for the fiscal year IAW business plans*
- *ERA/TA managed by RMC*
- *ORA/TA managed by TYCOM*

Maintenance Team knows their spending plan at all times and

Funds Flow Changes (SHIPMAIN)



CLF 02F
CLF 43

TYCOM MAINT $$$

RMC FA

MAINT TEAM

ERATA Control

EMERGENT Execution

ORATA (1) Control

DEPOT Control (HULL)

DEPOT Execution

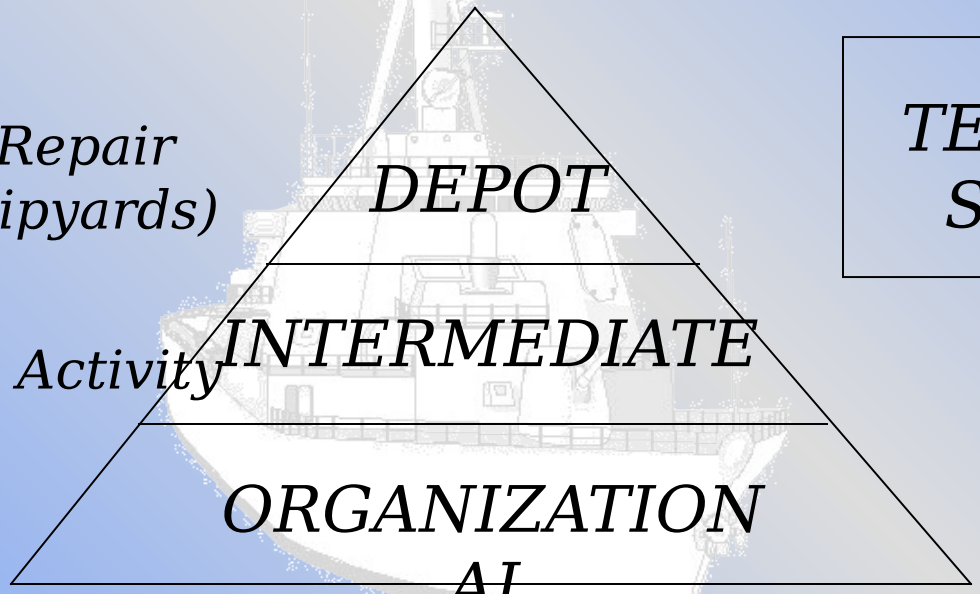
CM Control

CM Execution

(1) Special Programs (ORATA) as Hab, Hull Clean, Assessments, Cal, etc.

Navy Maintenance Organization

Traditionally Three Distinct Layers



Master Ship Repair Facilities (Shipyards)

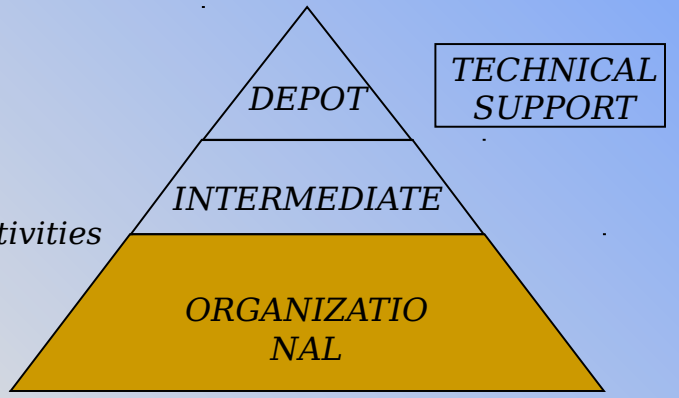
Fleet Maintenance Activity

Ship's Force

TECHNICAL SUPPORT

Organizational Level (T/A 4)

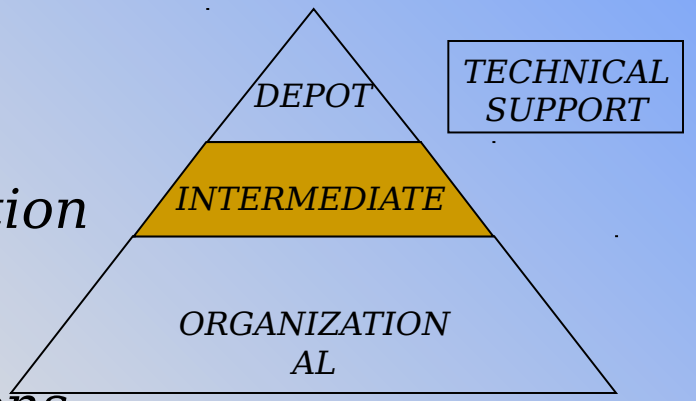
- *Ship's Force Responsible for:*
  - *Facilities Maintenance*
  - *Preventive Maintenance*
  - *Level 4 Corrective Maintenance*
  - *Assistance to higher level maintenance activities*
  - *Verification & quality assurance of maintenance done by other activities*
  - *Documentation of <u>all</u> deferred & completed maintenance*



- *Ship's Force Work Assigned*
  - *Based on available Industrial Plant Equipment & Crew Composition_*
  - *Must know Ship's Force M/H available to accomplish corrective maintenance (S/F work package)*

Intermediate Level (T/A 2)

- *Capabilities Based On*
  - *One Time Products - Not Production*
  - *Industrial Plant Equipment (IPE)*
  - *Staff Technical Abilities*
  - *Certifications and Re-Qualifications*
- *Primary Mission is:*
  Industrial Maintenance Training



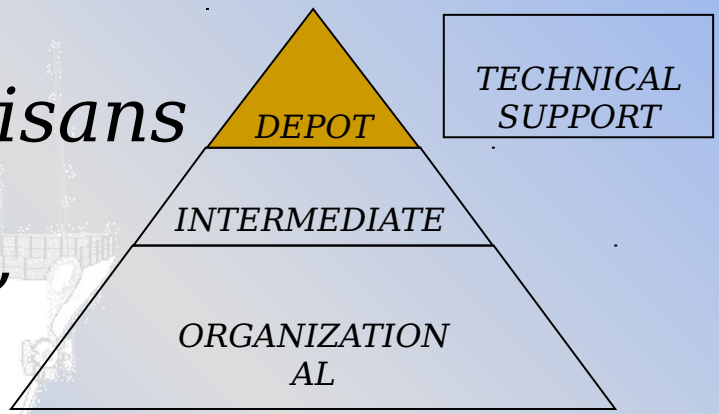
Reshaping Intermediate Level Activities

Fleet Maintenance Activities(FMAs) include:

- *Shore Intermediate Maintenance Activity (SIMA)*
- *Air Intermediate Maintenance Department (AIMD)*
- *Trident Refit Facility (TRF)*
- *Nuclear Submarine Support Facility (NSSF)*

Depot Level
Public and Private Shipyards (T/A-1)

- Master Ship Repair Facilities
  - Major Industrial Plant Equipment
  - Large Scale Production Capacity
  - Skilled Craftsmen & Artisans
  - Design & Engineering Services
- Work can be accomplished
  - In plant or "down river"
    - During CNO Availability
    - During Scheduled or Unscheduled CM Availability
    - During Emergent Availability



Depot Level Organization

Public Shipyard

- Government Owned
  - Set work force level
- Includes Naval Station QOL Facilities
- Full Service Facility
  - As long as in contract
- CO shipyard represents the government

Private Shipyard

- Top Concerns
  - Remain Open & Make Money
- Provide Only What is in Contract
  - Services must be listed
- Limited Shore Infrastructure
- SUPSHIP Represents Government

Alteration Installation Teams (AITs)

- *Specialized installation teams*
  - *Represent both private and public organizations*
  - *Employed any time during IDTC*
- *Term "AIT" originally used for C4I mods/alts*
- *Now used for other categories*
  - *SHIPALTS – MACHALTS – ORDALTS*
- *Created to reduce cost to Navy*
- *Increases ship responsibilities*

Alteration Management

- Alteration Management Program (AMP)
- Regional Maintenance and Modernization Coordination Office (RMMCO)
- Accomplish as scheduled
  - CNO Availability
    - Availability authorization letter
  - Quarterly AIT Schedule Message

Depot Level Integrated

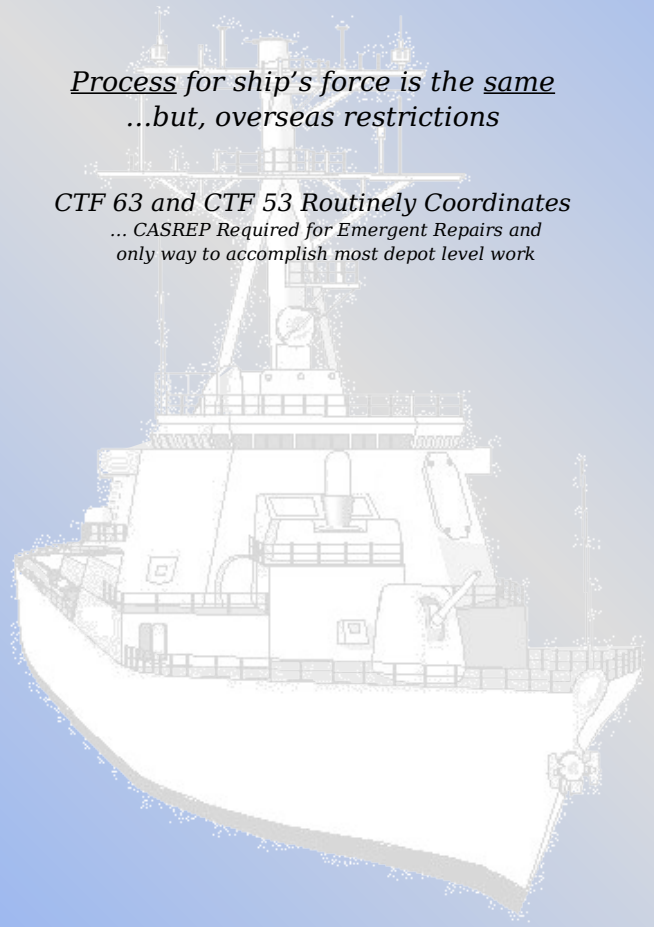
Scheduling

- ***FOUR*** *Organizations*
  - *Shipyard*
  - *AIT Organizations*
  - *Fleet Maintenance Activity*
  - *Ship's Force*
- *Scheduling issues*
  - *Availability of spaces requiring work*
  - *Clean-up*
  - *Drills*
  - *Shipwide events*
  - *Equipment and system testing*
- ***Who Coordinates ?***
  - ***Shipyard has priority***

Deployed Depot Maintenance

Process for ship's force is the same
...but, overseas restrictions

CTF 63 and CTF 53 Routinely Coordinates
... CASREP Required for Emergent Repairs and
only way to accomplish most depot level work



Depot Repairs - Overseas

- *Ship Repair Units Provides For:*
  - *Coordination*
    - *Planning*
      - *Quality Control*
        - *Testing*
- *Ship Repair Units located at*
  - *Naples*
    - *Bahrain*
      - *Singapore*

Depot Repairs - Overseas

- Naval Regional Contract Centers Provide
  - Payment and Purchase Services
    - Contracts Husbandry Agents
      - Administration for:
        Agreements for Master Repair & Alteration of Vessels
- Naval Regional Contract Centers located at
  - London
    - Naples
      - Bahrain
        - Dubai

- Singapore

Depot Repairs - Overseas

- *Outside of Primary Centers of Operation*
  - *Ship Repair Unit Detachments*
  - *Ship's Force Via Naval Regional Contract Center*
  - *Really Remote*
    - *Your Maintenance Manager will walk you through the process by telephone or message*

Deployed Depot Repairs

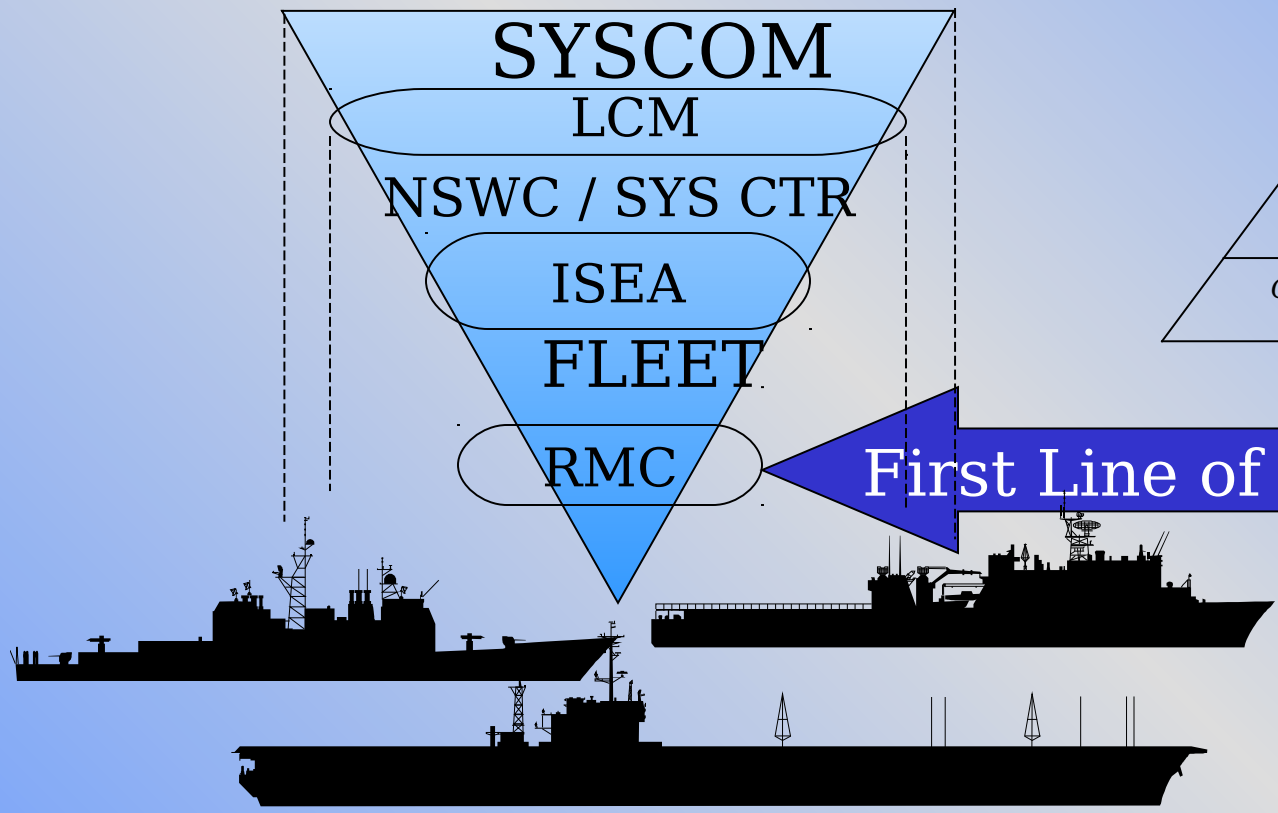
- *Is the benefit worth the cost of emergent repair*

  …especially if in a foreign repair facility?
  - *If C-2 CASREP answer could be no*
  - *Repair in BFIMA or a planned availability*
    - *Either CONUS or deployed*
- *<u>QA requirements do not change</u>!*
  - *Who prepares the documents might!*

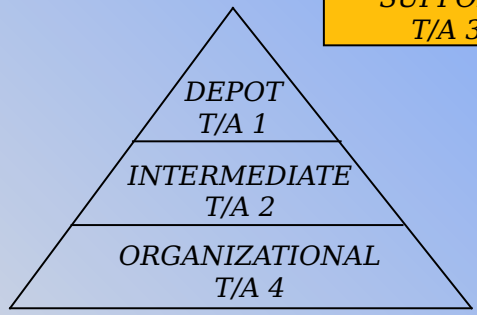
Ship's Force process is the same!

Technical Support and the Fleet

FROM KNOWLEDGE MU EFFECTIVENESS



TECHNICAL SUPPORT T/A 3

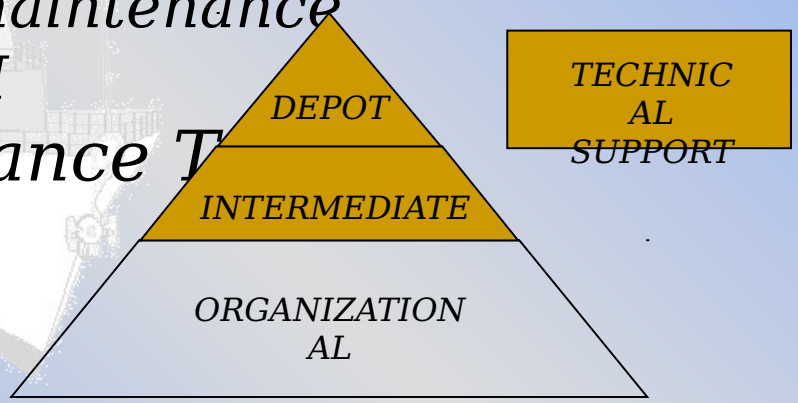


Technical Support
(No "Level" – T/A 3)

- FTSC First Line of Technical Support
  - Not Funded as Repair Activities
  - Skilled Technicians
  - Engineering Services
- Start with Distance Support
  - Exhaust S/F resources first
  - All trouble shooting data immediately available
- FTSC moving to RMC … soon
  - virtual move 1 April 2004

Regional Organization
An Evolving Concept

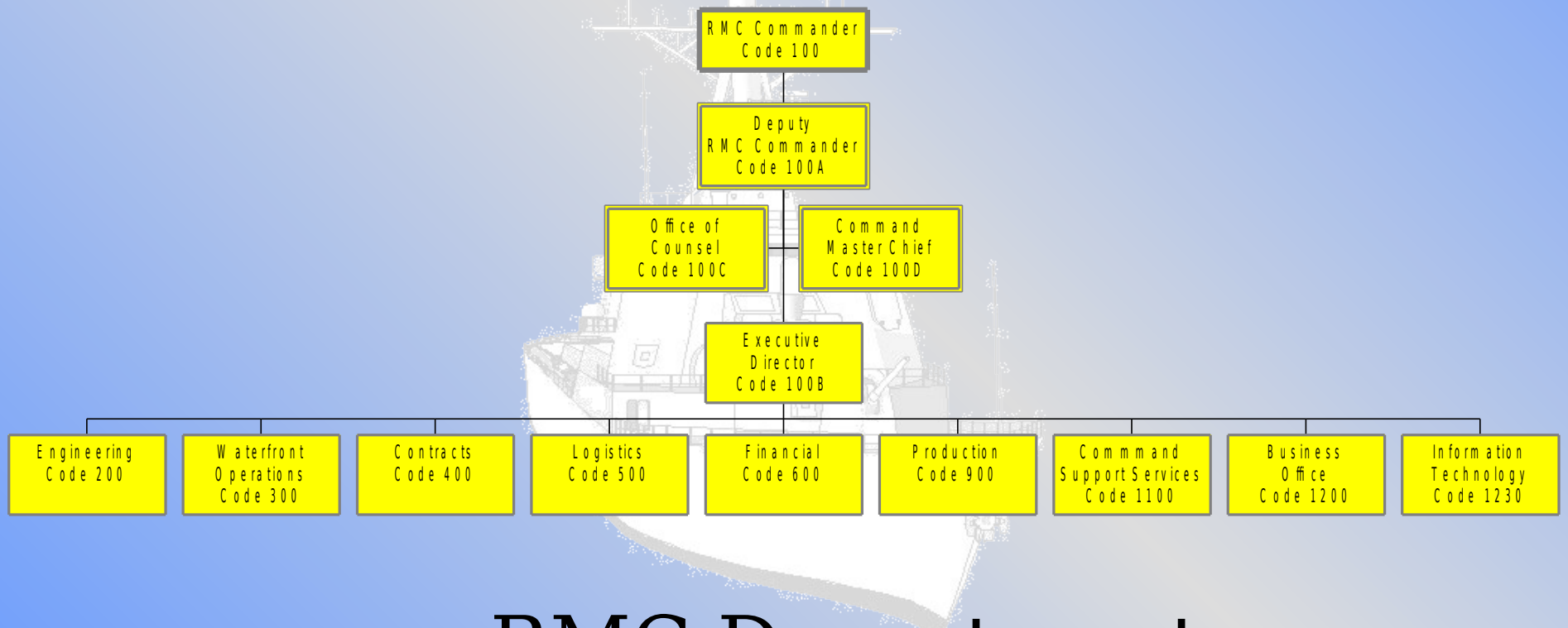
- *Regional Maintenance Center (RMC)*
  - *Merging Military and Civilian Workforces*
  - *Blending I & D Work*
- *Regional Support Group (RSG)*
  - *No longer a maintenance organization*
  - *Functions in transition… TBD?*
- *Fleet Activity*
  - *Manage all waterfront maintenance*
  - *No longer under TYCOM*
- *Oversees ship Maintenance T*



Waterfront Integration

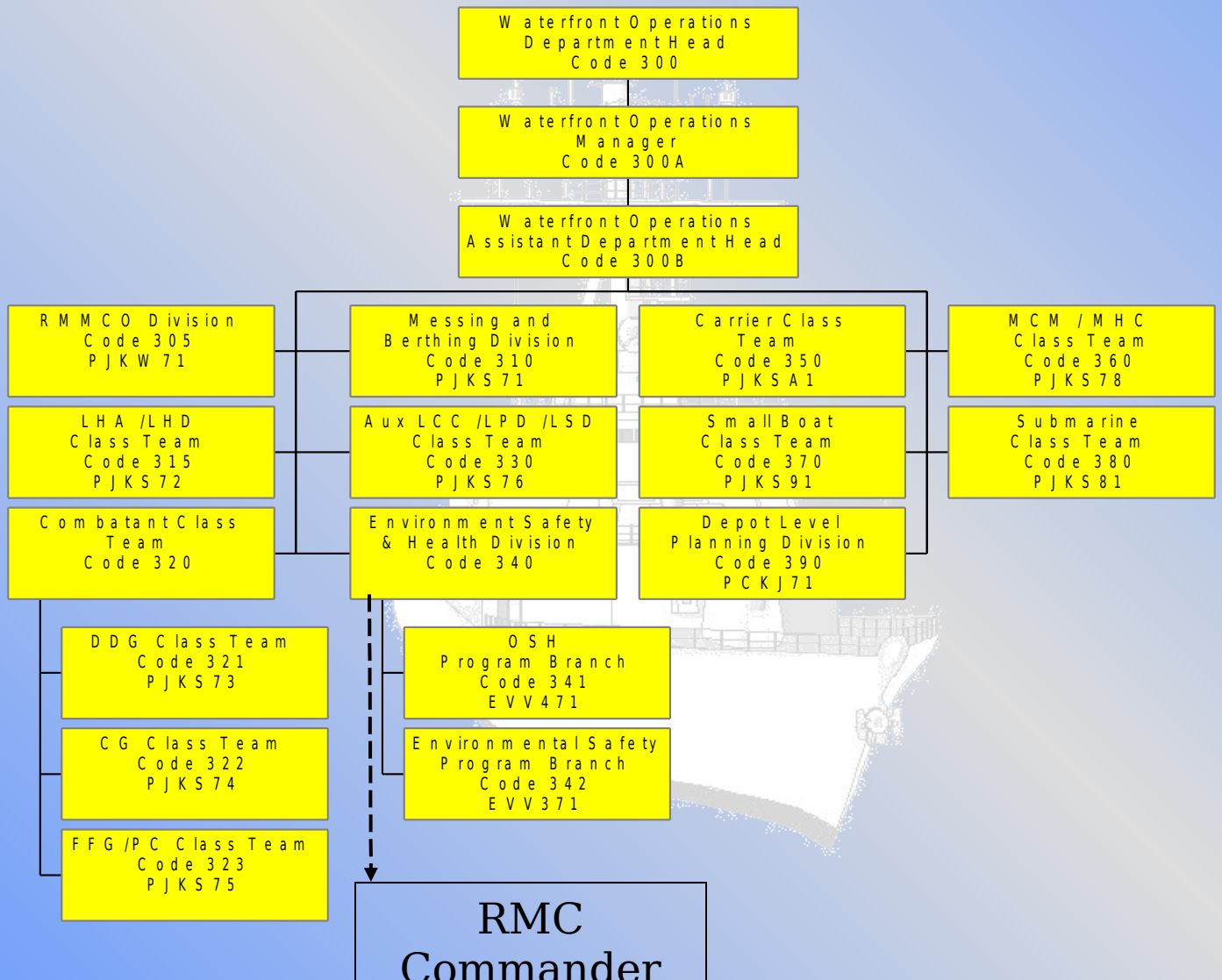
"Building a New RMC"

Commander and Staff

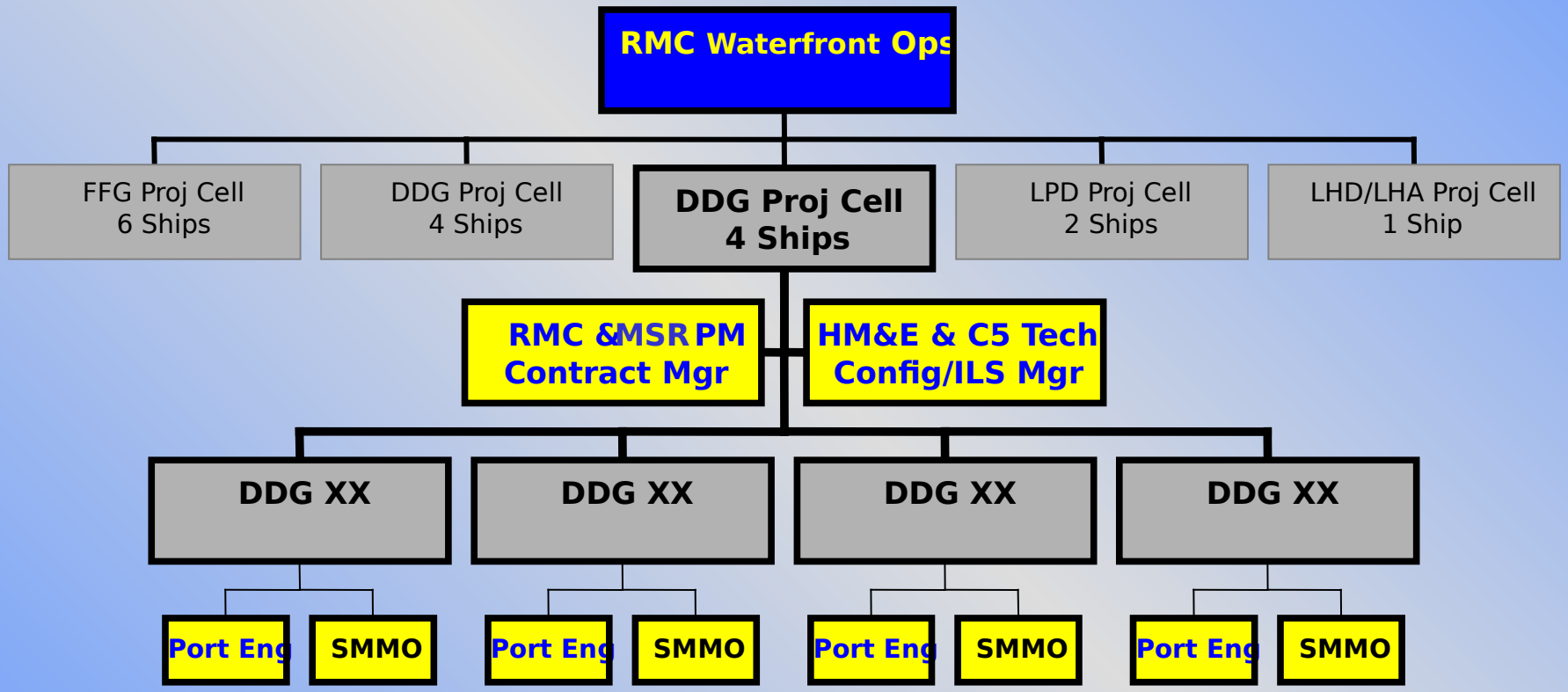


RMC Departments

Waterfront Operations Department (Code 300)

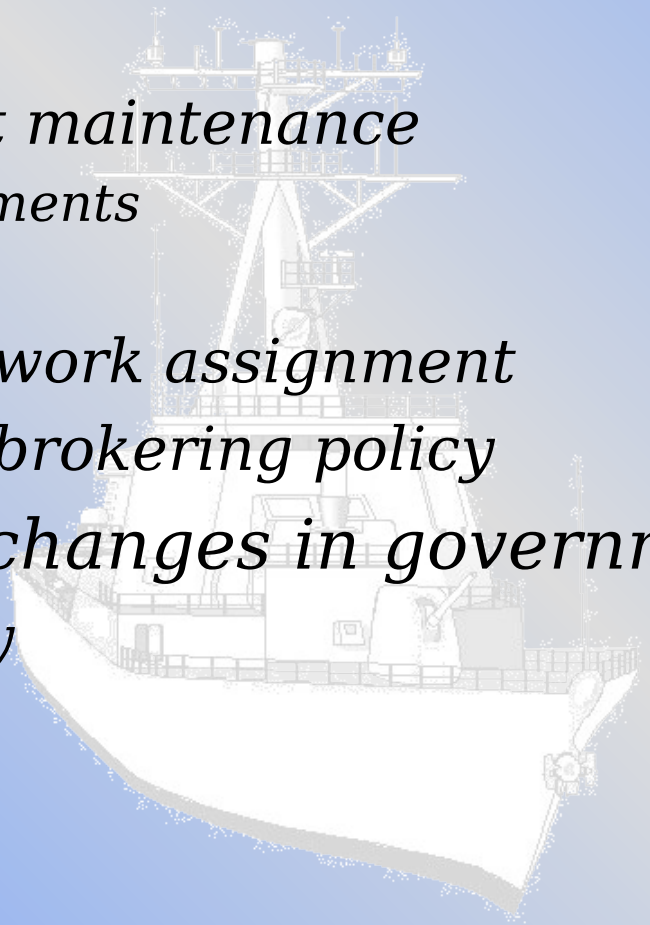

Waterfront Operations Department Head Code 300
Waterfront Operations Manager Code 300A
Waterfront Operations Assistant Department Head Code 300B
RMMCO Division Code 305 PJKW71
Messing and Berthing Division Code 310 PJKS71
Carrier Class Team Code 350 PJKSA1
MCM/MHC Class Team Code 360 PJKS78
LHA/LHD Class Team Code 315 PJKS72
Aux LCC/LPD/LSD Class Team Code 330 PJKS76
Small Boat Class Team Code 370 PJKS91
Submarine Class Team Code 380 PJKS81
Combatant Class Team Code 320
Environment Safety & Health Division Code 340
Depot Level Planning Division Code 390 PCKJ71
DDG Class Team Code 321 PJKS73
CG Class Team Code 322 PJKS74
FFG/PC Class Team Code 323 PJKS75
OSH Program Branch Code 341 EVV471
Environmental Safety Program Branch Code 342 EVV371
RMC Commander

ominal Maintenance Team - Cell



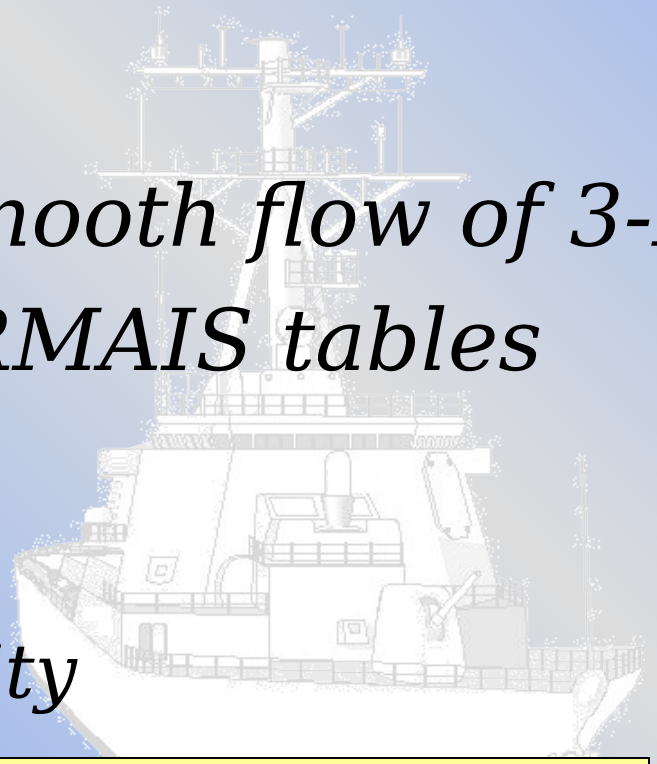
RMC Commander Duties

- *Manage*
  - *Emergent maintenance*
    - *Requirements*
    - *Funds*
  - *Regional work assignment*
  - *Regional brokering policy*
- *Advocate changes in government-owned*
  - *Capability*
  - *Capacity*



RMC Maintenance Document Control Office (R-MDCO)

- *Ensure smooth flow of 3-M data*
- *Manage RMAIS tables*
  - *Activity*
  - *User*
  - *Availability*



Ship 3-M Coordinator's primary point of contact

Regional Organization - Repair

- Different Names Same Repair Function
  - Fleet Maintenance Activity
    - SIMA
    - TRF, NSSF
- Regional Repair Centers (RRC)
  - Consolidated Inside Repairs for a Particular Type of Equipment
- Regional Maintenance Teams (RMT)
  - Similar to RRC for Outside Repairs
  - Term not in wide spread use

Departure From Specification

- *JFMM Vol V Part I Chap 8 Explains Process*
- *Types*
  - *Major*
  - *Minor*
- *Approval*
  - *Temporary – requires work candidate in CSMP for permanent repair or corrective action*
  - *Permanent – requires no additional repair or action*
- *Testing & Evaluating New Technology*
  - *Prototype Engineering Solutions*
  - *DFS Used to Track*

Additional Material

Command Level

Maintenance Availability Management

Navy Maintenance Organization

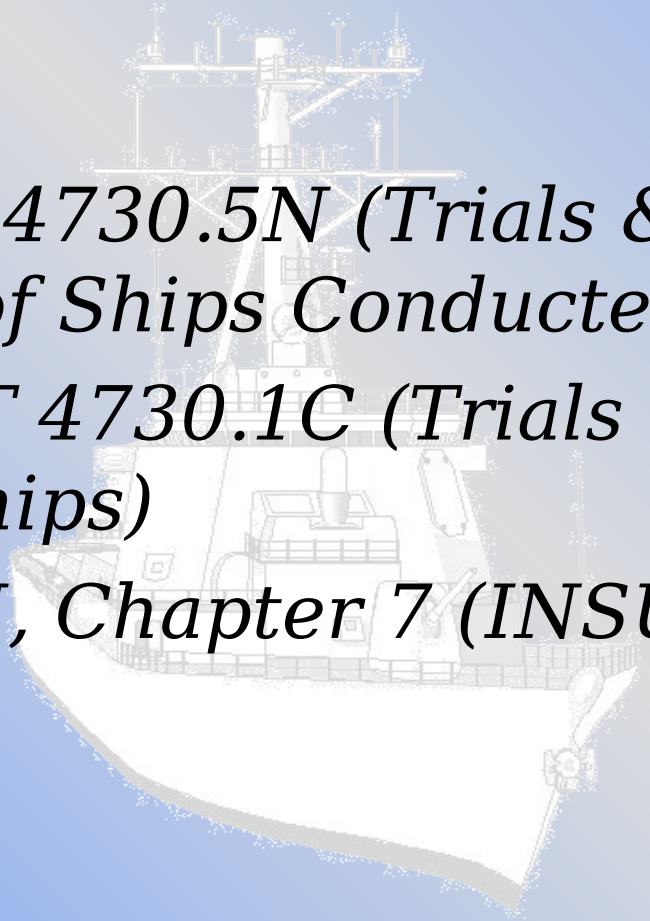
Board Of Inspection and Survey

A Quick Look At The Underway Material Inspection (UMI)

INSURV

References

- *OPNAVINST 4730.5N (Trials & Material Inspections of Ships Conducted by INSURV)*
- *INSURVINST 4730.1C (Trials & Inspections of Surface Ships)*
- *JFMM, Vol VI, Chapter 7 (INSURV Material Inspections)*

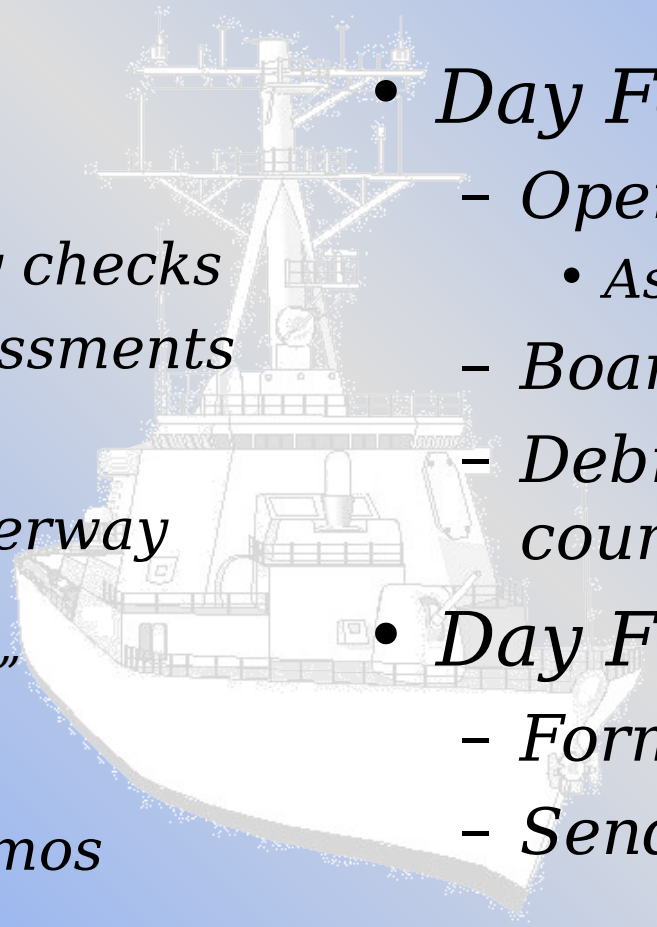


INSURV
Underway Material Inspection

- *Focuses on material condition*
  - *"As found" snapshot in time*
- *Phases*
  - *Preparation*
  - *Execution*
  - *Follow-up*
- *References for all standards & demonstrations*
  - *No reference, no deficiency*
  - *Equipment must perform to specifications*
- *Ship*
  - *Minimize deficiencies for which SF responsible*
  - *Identify R&M & design issues affecting mission performance*
    - *CO Letter of Concerns*

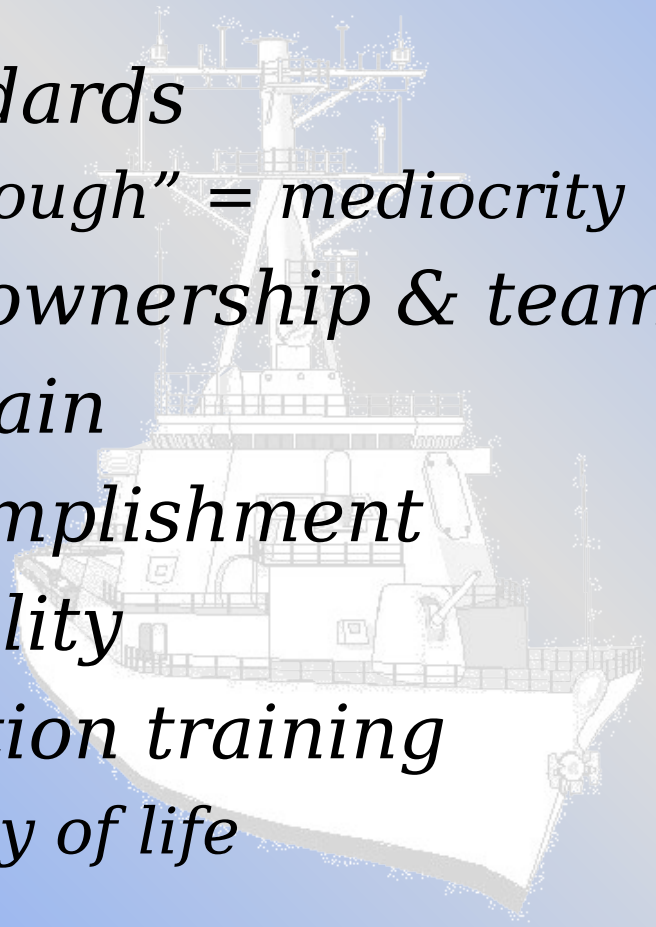
INSURV
Underway Material Inspection

- Day One
  - In-brief
  - Pre-underway checks
  - Material Assessments
- Day Two
  - Continue underway preps
    - "36 hour rule"
- Day Three
  - Underway demos
- Day Four
  - Open & inspect
    - As required
  - Board "caucus"
  - Debrief ship counterparts
- Day Five
  - Formal out-brief
  - Send Quicklook



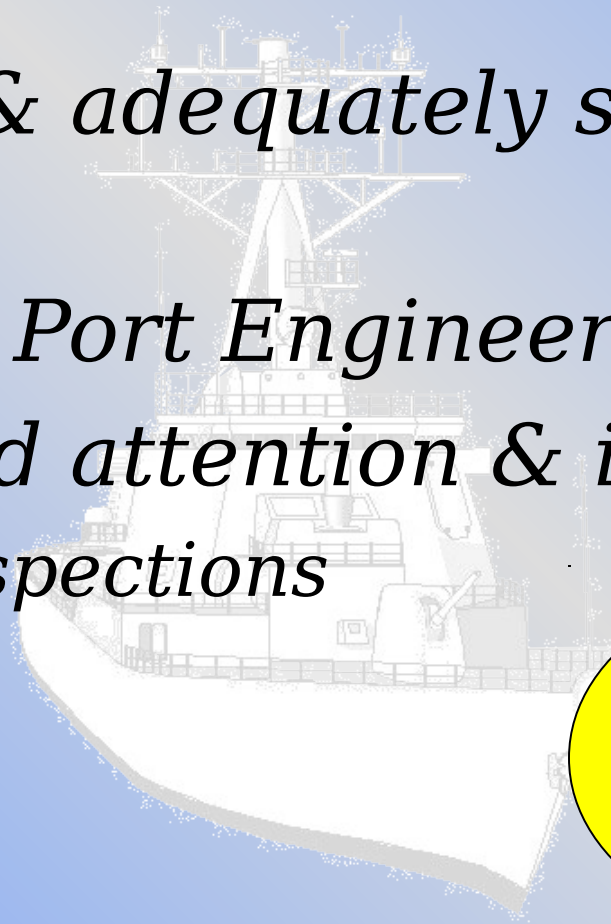
INSURV
Keys to Material Readiness

- *High standards*
  - *– "Good enough" = mediocrity*
- *Shipwide ownership & teamwork*
- *Steady strain*
- *PMS accomplishment*
- *CSMP quality*
- *Watch station training*
  - *– OSS a way of life*



INSURV
Keys to Material Readiness

- *Trained & adequately supervised DCPOs*
- *Engaged Port Engineers*
- *Command attention & involvement*
  - *Zone inspections*



TYCOM will provide UMI Prep Guide

Maintenance Plan And PB for M

Command Level

Maintenance Availability Management

Navy Maintenance Organization

FROM KNOWLEDGE TO EFFECTIVENESS

Planning Board for Maintenance

A Process Under Construction

Planning Board for Maintenance

- *Ship Commanding Officer, Co-Chair*
- *Port Engineer – Co-Chair*
- *Other Attendees*
  - *Ship's Maintenance Team*
  - *Others as designated by CO or PE*

- *PB for M Process*
  - *Frequency…At Least Monthly*
  - *Inputs*
  - *Agenda*
  - *Products*
  - *Follow-up*

ort Engineer prepares & forwards agenda to CO 48 hours in advance

POSSIBLE PRODUCTS

The Ship's Maintenance Business Plan

Maintenance & Modernization plan (5yr, 24mos (cycle), quarterly, and monthly

Validated ICMMP Task Requirements

Validated CSMP with priority schema

Ship's force work capacity loading plan

Financial Management Plan
- **Depot maintenance**
- **Continuous Maintenance**
- **Organizational**

Configuration Management Plan
- **Equipment validation Reports**
- **COSAL Updates**
- **Configuration Change Reports**

Corrosion Control Plan
- **Tanks and voids**
- **Internal & External other**

Material Self Assessment

Planning Board for Maintenance

A Process Under Construction

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- **Tanks and voids**
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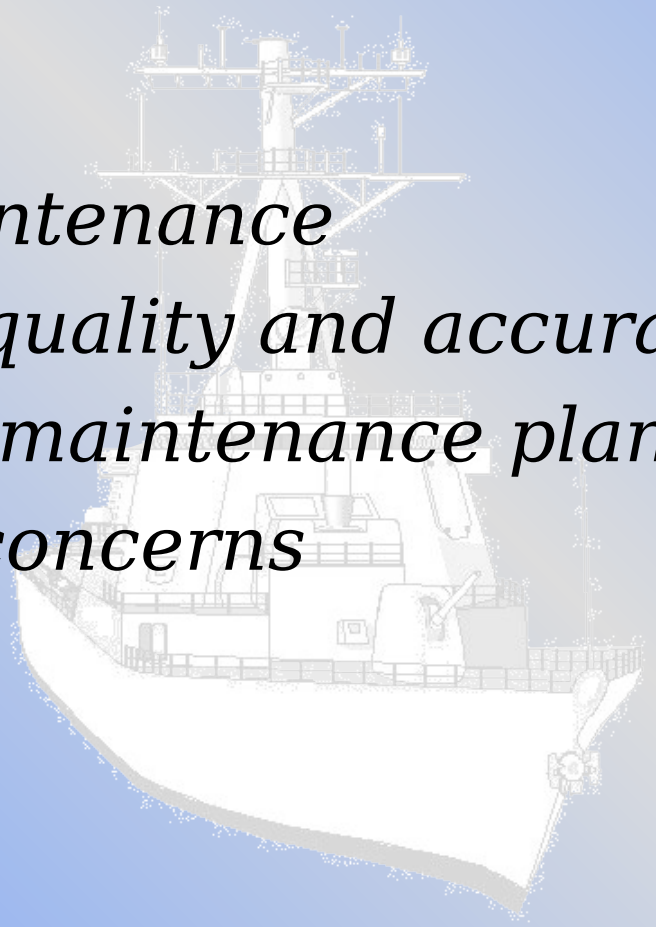
Material Self Assessment

Planning Board for Maintenance Purpose

Review

- All Maintenance
- CSMP quality and accuracy
- Future maintenance planning
- Fiscal concerns



Planning Board for Maintenance Agenda

Bold = PE Presents

- *Ship's Name*
- *Date of meeting*
- *Known schedule of key events*
  - ***Upkeep Periods***
  - ***INSURV***
  - ***Ship support requirements***
  - ***Assessment Visits***
  - ***COC/DH Visits***
  - ***Assist visits/AIT/surveys, etc.***
  - *New*
- ***CASREPs & Departures from Specification***
  - ***Status****
  - *New*

**** Enclosure to***

Planning Board for Maintenance Agenda

- ***Current maintenance issues***
  - ***Provide applicable JCN with block 35 & work status****
  - *New*
- ***Advance planning milestones & CNO availability issues (dates)***
  - ***Specification review***
  - ***Major events to support – ammo off-load***
  - ***Arrival conference***
  - ***Avail dates***
  - ***Production status***
  - ***Dock trial/fast cruise/sea trial dates***
  - *New Issues*

*** Enclosure to**

Planning Board for Maintenance Agenda

7. ***CSMP review***
   - ***As screened report****
   - ***TA –4 jobs****
     - *Completed*
     - *New (integrated/de-conflict) with other known work*
       1. *Compare location*
       - *Compare equipment/system*
       - *Compare priority*
     - *Screened to SF avail(Assist ship with assigning SF avail with dates)*
       - *Concurrent CNO*
       - *CM – planned accomplishment*
       - *Emergent – unplanned accomplishment*
   - ***JCN return to ship issues****
   - ***Jobs older than 180 days****
   - ***JCN'S to be passed to history****

*** Enclosure to**

Planning Board for Maintenance Agenda

- *Long term maintenance plan*
  - ***5 year plan (developed by MT)*** *
    - *CNO avails*
    - *Assessments ICMMP*
    - *Certifications*
    - *Modernization*
    - *Homeport*
    - *Preservation*
    - *Integrated system refurbishment*
    - *Others*
  - *Discuss issues & update*
- *Current metrics*
- *Ship, CO, Maintenance Team issues*

*** Enclosure to**

Maintenance Report

WEEKLY COORDINATED 3-M STATUS REPORT

WEEKLY PMS SUMMARY (date) to (date)	Scheduled	Completed	Resched	Expired	Partial	RAR	E-6 & Up Availability	E-6 & Up Spotchecks	Spotcheck Performance
EXECUTIVE	1					0%	1		0%
OPERATIONS	1					0%	1		0%
COMBAT SYSTEMS	1					0%	1		0%
WEAPONS	1					0%	1		0%
ENGINEERING	1					0%	1		0%
SUPPLY	1					0%	1		0%
Command Totals:	6	0	0	0	0	0%	6	0	0%

13-WEEK PMS SUMMARY	Scheduled	Completed	Resched	Expired	Partial	RAR	E-6 & Up Availability	E-6 & Up Spotchecks	Spotcheck Performance %
EXECUTIVE	1					0%	1		0%
OPERATIONS	1					0%	1		0%
COMBAT SYSTEMS	1					0%	1		0%
WEAPONS	1					0%	1		0%
ENGINEERING	1					0%	1		0%
SUPPLY	1					0%	1		0%
Command Totals:	6	0	0	0	0	0%	6	0	0%

CSMP Deferral Totals (Wed 6 FEB 02)	EXEC	OPS	CBS	WEPS	ENG	SUP	SHIP TOTAL
T/A=1 (Depot Level Work)							0
Safety Related T/A=1							0
T/A=2 (IMA Level Work)							0
Safety Related T/A=2							0
T/A=3 (Tech Assist Level Work)							0
Safety Related T/A=3							0
T/A=4 (Ship's Force Level Work)							0
Safety Related T/A=4							0
Total Active CSMP Deferrals	0	0	0	0	0	0	**0**
Total Active SAFETY Related CSMP Deferrals	0	0	0	0	0	0	**0**
Nr of jobs on return to customer report							
Last Ship - Shore CSMP file reconciliation							
Total Active CASREPs	0	0				0	**0**
CSMP Growth (date to date):							Last Report Totals
JSNs Completed:							
JSNs Cancelled:							

Maintenance Report

WEEKLY COORDINATED 3-M STATUS REPORT

EQUIPMENT VALIDATION SUMMARY							
	EXEC	OPS	CBS	WEPS	ENG	SUP	SHIP TOTAL
Equipment Line Item Totals							
Notional number of validations per week							
Validations completete for the week of							
Number not requiring corrective action							
Number requiring corrective action							
Number of validations complete for year							
Validations complete for current 5 yr cycle							

WORK PACKAGE DEVELOPMENT SUMMARY						
Active Work Packages: 0	Wk Pkgs Reviewed	CO:	0	DEPT	0	DIV	0
Gauge Calibration Percentage: XX% as of date				Electronic Calibration Percentage:XX% as of date		
Next FMAV:	X2X date to date			Next HME-RA I		date to date
Next RAV / TAV:	X6X date to date			Next HME-RA II		date to date
Next CNO Availability:	FY 0X date to date			Next C5RA		date to date

ZONE INSPECTION SUMMARY							
	EXEC	OPS	CBS	WEPS	ENG	SUP	
Last Zone Inspection							
Next Zone Inspection							

Maintenance Report

WEEKLY COORDINATED 3-M STATUS REPORT

FROM KNOWLEDGE MU EFFECTIVENESS

3-M TRAINING SUMMARY SUMMARY

3-M and QA PQS Qualification Status

	EXEC	OPS	CBS	WEPS	ENG	SUP	SHIP TOTAL
Number of E-1 to E-6							
3-M WSC Qualified							
QA Craftsman Qualified							
QA Inspector Qualified							
SSE Designated							
QA WSC Qualified							
3-M Division Officer Qualified							
Number of E-7 to E-9							
3-M 301 Qualified							
3-M WSC Qualified							
QA Craftsman Qualified							
QA Inspector Qualified							
QA WSC Qualified							
3-M Division Officer Qualified							
3-M Coordinator Qualified							
Number of Officers							
3-M 301 Qualified							
3-M WSC Qualified							
QA WSC Qualified							
3-M Division Officer Qualified							
3-M Coordinator Qualified							
Number SWO Trainees							
3-M 301 Qualified							
3-M WSC Qualified							
3-M Division Officer Qualified							

RPPO and Configuration Management Training

	EXEC	OPS	CBS	WEPS	ENG	SUP	SHIP TOTAL
RPPO Training Conducted							
Number of attendees							
Configuration Management Training							
Number of attendees							

Maintenance and Modernization Business Plan

A Process Under Construction

MT Business Plan Basics

- *Built by the Maintenance Team*
- *Based on documented deficiencies in the CSMP, ICMMP, Modernization Plans, and Historical Data*
- *Establishes the quarterly allocation of funds that the team will utilize to support the ship*
- *Reflects the ship's operational cycle and predefined maintenance periods.*

USS TEMPLATE
CG-XX
MAINTENANCE BUSINESS PLAN
EXECUTIVE SUMMARY
FY 2004

SCHEDULE OVERVIEW

EVENT	DATES
•Surge Ready Asset	01 OCT 03- 01 JAN 04
•FMAV	20 OCT- 14 NOV 03
•INSURV	17 NOV 03
•CNO Avail DSRA 04	07 JAN 04- 26 MAY 04
•HME&RA/C5RA	14 JUN -25 JUN 04
•Follow on FMAV	06 JULY 04- 23 JULY 04
•Initial Assessment	21 AUG 04
•Underway Demo	10 OCT 04
•FEP	23 OCT 04
•Deployment	01 OCT 05
•Cruiser Conversion	FY 06

MAINTENANCE FUNDING REQUIREMENTS

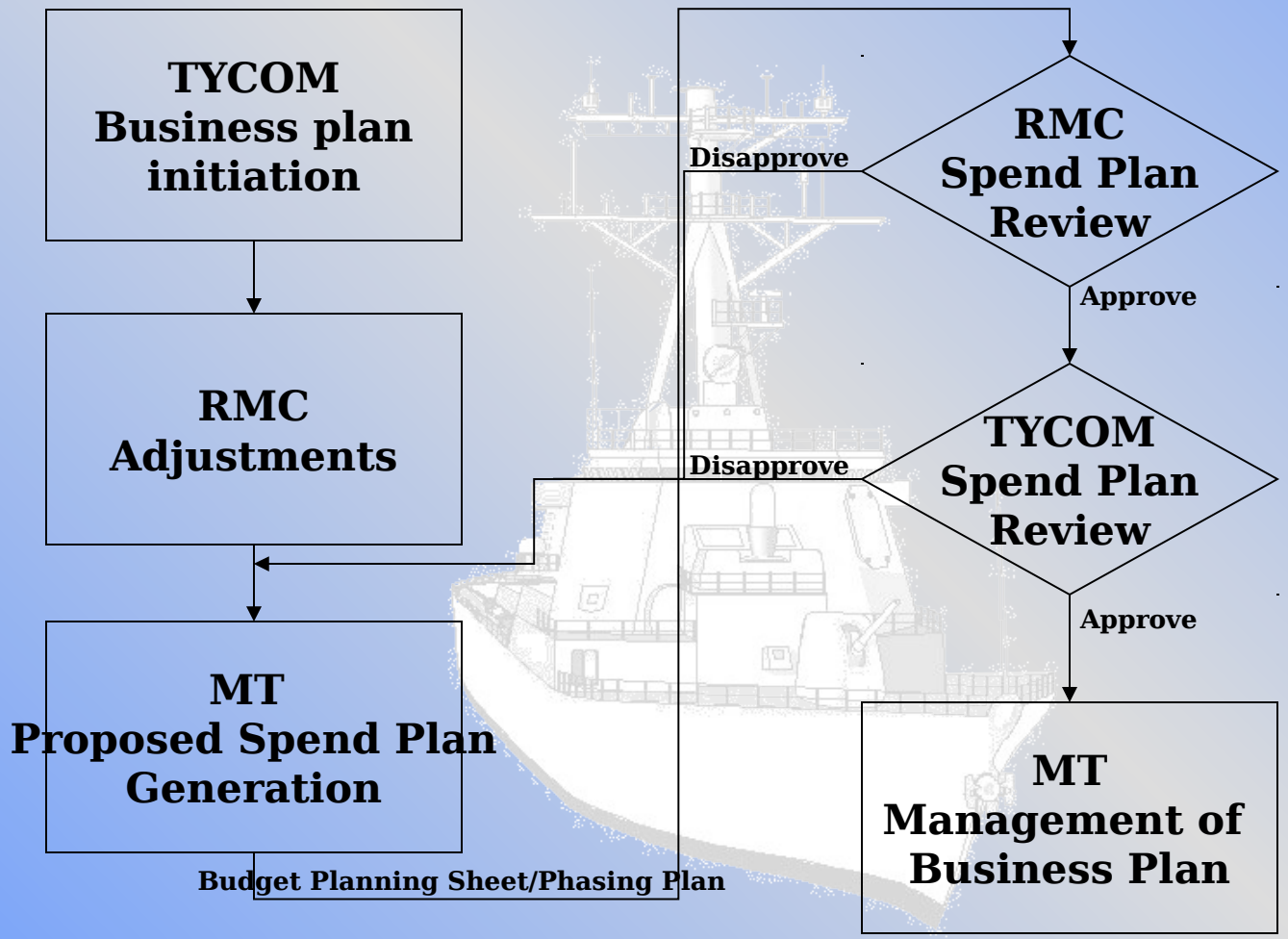
•First Quarter FMAV (ISO INSURV)	
•Continuous Maintenance	$
•DSRA 04 Funding	$
•TYCOM Funding	$
•NAVSEA Funding	$
•Phasing Plan	$
•Concurrent FMAV 451	$
•Post DSRA FMAV 422	$

FOM THRESHOLD (XXX)

USS SAMPLE TEMPLATE
MT Business Plan Table of Contents

- Section 1: Maintenance Team Business Plan Approval Flowchart
- Section 2: Schedules
  - Employment, Events, Planning & Execution Milestones
- Section 3: Modernization and Alterations
  - NAVSEA & TYCOM S/A Ltrs, FORCENET Matrix/NITRA
- Section 4: Maintenance
  - CSMP, ICMP, DFS's, HAB
- Section 5: TYCOM Material Readiness Requirements
  - FOM Threshold, Mission Area Readiness Requirements
- Section 6: Funding
  - TYCOM/RMC Inputs
  - MT Budget Planning Sheet & Phasing Plan

MT Business Plan Approval Process
Section 1

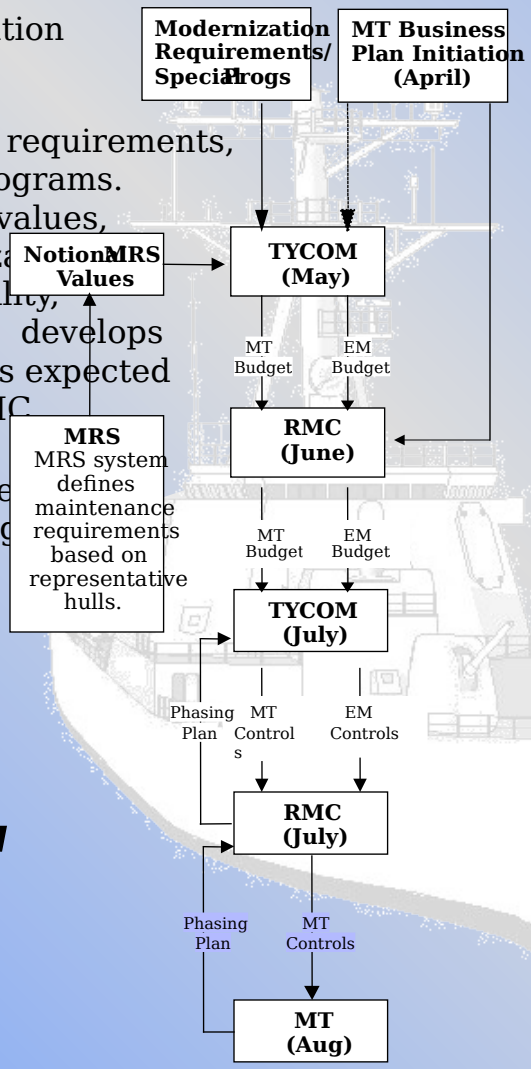


Business Plan Development Flow Chart

PEO PM provides their modernization control numbers.

TYCOM determines modernization requirements, ILS anomalies, and any special programs. Taking into account MRS notional values, known maintenance and moderniza requirements, ILS product availabilit and expected controls, the TYCOM develops an execution strategy and provides expected budget control numbers to the RMC.

TYCOM also provides required flee modernization and expected emerg control numbers



MT develops what they believe to be their CNO and CM maintenance requirements for the following year and provides to the RMC (and TYCOM if directed).

The RMC reviews the proposed execution strate proposes changes and/or adjustments.

TYCOM approves execution strategy and provide control numbers to the RMC.

The RMC provides budget control numbers to the MTs.

The MT takes the budget control numbers and develops a phasing plan to spend the controls. Phasing plan is provided to the TYCOM via the R

DRAF T

Schedules Section - MT Business Plan Section 2

- Employment Schedule (FRP)
  - CNSL (X drive: N3: FRP Notional Schedule.ppt)
  - CNSP (http://www.cnsp.navy.mil/n3_n5intra.default.asp)
- Events
  - Provided by Ship's Operations Officer
- CNO Planning Milestones
  - Provided by Planning Activity
- CNO Execution Milestones

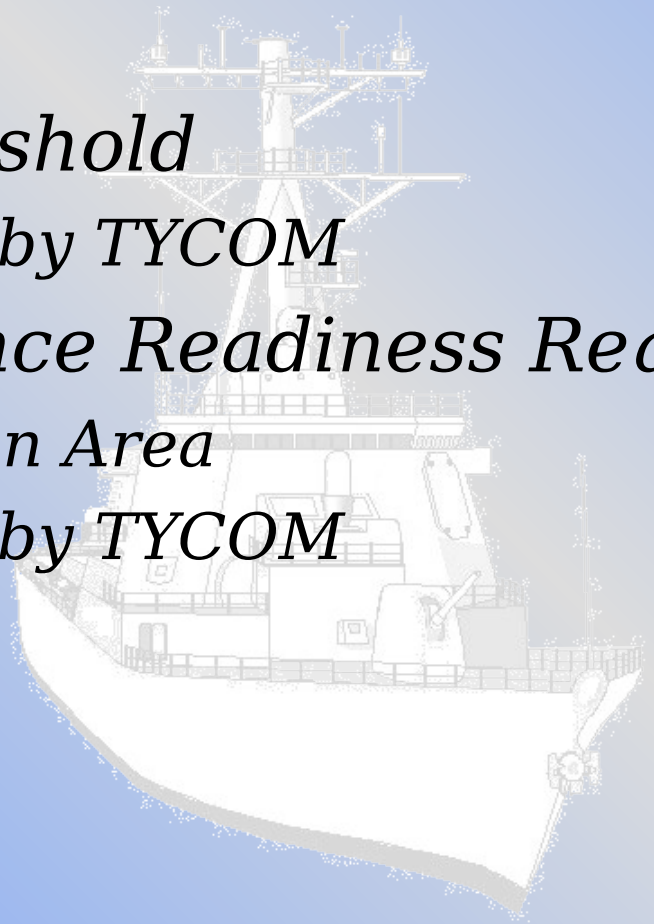
Modernization Section - Business Plan
Section 3

- NAVSEA SHIPALT letters
- TYCOM SHIPALT letters
- SPAWAR Planned Alts
  - Located on FORCENET MATRIX/NITRA
  - Account from SSC Charleston required

Maintenance Section - MT
Business Plan
Section 4

- *Ship's CSMP*
  - *Key or Critical Path items with major schedule or budget impact*
- *Refer to ICMP*
- *Departure from Specifications*
- *Habitability Plan*
  - *CNSL: https://www.habitability.net*
  - *CNSP: https://www.navysupportonline.com/Habitability/*

Material Readiness Section
MT Business Plan
Section 5



- *FOM Threshold*
  - *Provided by TYCOM*
- *Maintenance Readiness Requirements*
  - *By Mission Area*
  - *Provided by TYCOM*

Funding Section - MT Business Plan Section 6

- *TYCOM/RMC provides notional budget control numbers*
- *Budget Planning Sheet & Phasing Plan*
  - *Developed by MT*

Budget Planning Sheet And Phasing Plan

FY 05 Budget for USS SHIP (CLS 0)

					Q1	Q2	Q3	Q4
FY 05 CNO Avail Budget Total				$0	$0	$0	$0	$0
		CSMP Now (#AWRs)	Expected CSMP @ lock (#AWRs)	Budget Requirement	Comments			
Repair Total		0	0	$0	Package Locked			
HM&E (Detail, if req)					Labor and material			
CS/C4I (Detail, if req)					Labor and material			
Modernization		0	0	$0				
Fleet SHIPALTS					Labor and material			
Program SHIPALTS					TYCOM Pro-ration cost			
	a.	Package Subtotal		$0				
	b.	Current year Adv Pln if any		$0	late FY avails especially			
	c.	Growth (X% of a.)		$0	% based on CNSF Policy			
	d.	Service/Support (X% of a.)		$0	800/900's, if not included above			
	e.	LLTM		$0	GFM or items not in a. already			
	f.	Award/Incentive Fee (X% of a.-e.)		$0	Budget max % possible in contract			
	g.	Other costs (expl. in summary)						

					Q1	Q2	Q3	Q4
FY 05 CM Budget Total				$0	$0	$0	$0	$0
		# AWR's pending	# AWR's expected	ROM $'s				
Repair Total		0	0	$0				
HM&E (Detail, if req)					Labor and material			
CS/C4I (Detail, if req)					Labor and material			
Assessment/Grooms								
Modernization		0	0	$0				
Fleet SHIPALTS					Labor and material			
Program SHIPALTS					TYCOM Pro-ration cost			
	a.	CM Package Subtotal		$0				
	b.	Growth (X% of a.)		$0	% based on CNSF Policy			
	d.	Award/Incentive Fee (X% of a.-b.)		$0	Budget max % possible in contract			
	e.	Other costs (expl. in comnts)						

					Q1	Q2	Q3	Q4
FY 03 / 04 or 05 / 06 CNO Avail Advance Funding				$0				
FY 05 Total Phasing Plan				$0	$0	$0	$0	$0

Command Level

Next Topic
Ship Maintenance